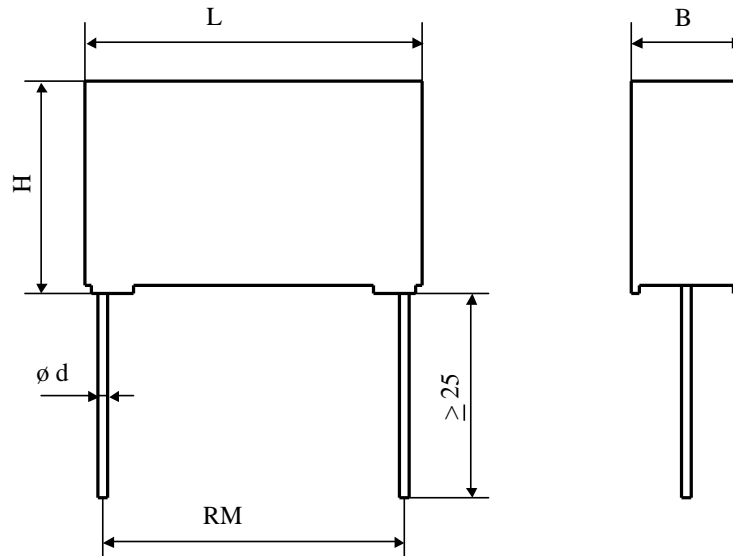


5993

**METALLIZED POLYPROPYLENE
+ FILM-FOIL CAPACITORS**

TYPE
KPS 160-182 gs1 J



Dielectric: Polypropylene metallized + film-foil

Self-extinguishing plastic housing / Epoxy resin sealing

Paramètre	Symbol	Value	Unit	Condition
Capacitance	C	82	nF	20°C, 1 kHz
Tolérance		5	%	
Rated voltage	Un DC	1'600	VDC	
Rated voltage	Un AC	500	VAC	
RMS Current	I _{eff} max.	8	A _{eff}	100 kHz
Slope of voltage variation	du/dt max.	7'000	V/μs	max. repetitive
Repetitive surge current	I _{cr} max	574	A	max. repetitive
Tangent delta	tgδ	≤ 3.0 E-4		1 V / 10 kHz / 20 °C
Stray inductance	ESL	≤ 20	nH	
Insulation resistance	R _i	> 100'000	MΩ	100 VDC - 1 min
Test voltage between terminals	U _{T1}	2'560	VDC	10 s.
Climatic category		55/85/56		
Estimated operational life (-3 %)		100'000	h	Un / 70°C

Dimension	Symbole	Value	Unit	Conditions
Width	B	18	mm	
Height	H	33	mm	
Length	L	32	mm	
Terminals				
Axial tinned wire	d	ø 0.8 x 25	mm	
	RM	27.5 ± 0.5	mm	

	M2			
	M1			
	MC			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon, Switzerland

Kondensatoren Tel.: ++41 24 445 66 88

Capacitors Fax: ++41 24 445 66 89

Lecdanché
Capacitors
A FISCHER & TAGSCHKE COMPANY

HJJ

www.Lcap.ch

11.01.2011

capinfo@Lcap.ch

faisab5993.XLS